

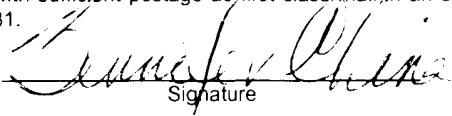


17-2  
CASE CLV-31563B

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Jennifer China  
Type or print name

  
Signature

April 10, 2003  
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

QIU ET AL.

APPLICATION NO: 09/939,145

FILED: AUGUST 24, 2001

FOR: Process for Surface Modifying Substrates and Modified Substrates  
Resulting Therefrom

Assistant Commissioner for Patents  
Washington, D.C. 20231

GROUP 1100  
APR 15 2003  
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INFORMATION DISCLOSURE STATEMENT

Sir:

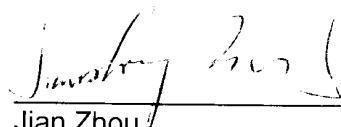
Applicants believe this paper is being filed before the mailing date of a first Office Action on the merits, and so under 37 C.F.R. §1.97(b)(3) no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-0134.

In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

Copies of these references are enclosed herewith.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,



Jian Zhou  
Agent for Applicants  
Reg. No. 41,422

Novartis Pharmaceuticals Corporation  
Patent and Trademark Dept.  
One Health Plaza  
East Hanover, NJ 07936-1080  
(678) 415-4691

Date: April 10, 2003

(Use several sheets if necessary)



ATTY. DOCKET NO.  
CL/V-31563B  
APPLICATION NO.  
09939,145  
APPLICANT  
QIU ET AL.  
FILING DATE  
August 24, 2001

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444-152003  
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	4,168,112	9/18/79	Ellis, Edward J., et al	351	160	
	AB	4,321,261	3/23/82	Ellis, Edward J., et al	424	180	
	AC	4,941,997	7/17/90	Decher, Gero, et al	252	586	
	AD	4,973,429	11/27/90	Decher, Gero, et al	252	587	
	AE	5,068,318	11/26/91	Decher, Gero, et al	534	573	
	AF	5,518,767	5/21/96	Rubner, Michael, et al	427	259	
	AG	5,529,727	6/25/96	LaBombard, Denis	264	1.36	
	AH	5,536,573	7/16/96	Rubner, Michael, et al	428	378	
	AI	6,011,082	01/04/00	Wang, Yading	523	107	
	AJ						
	AK						
	AL						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	AM	0 032 443 A2	1/9/81	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	AN	0 138 385 A2	9/13/84	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	AO	05318118	3/21/93	Japan - abstract			<input type="checkbox"/>	<input type="checkbox"/>
	AP	GB 2, 102,070	1/5/78	Great Britian			<input type="checkbox"/>	<input type="checkbox"/>
	AQ	JP 01,158,412	2/26/80	Japan			<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AR	Blood Capability-Surface Characteristic Relationships of a Langmuir-Blodgett Film Composed of an Anionic Amphiphile-Polycation Complex, Uchida M., et al., New Polymers Material, Vol. 4, No. 3 pp. 119-211 (1994)
AS	Enhancement of Light Emitting Diodes Based on Self-Assembled Heterosctructures of Poly (P-phenylene vinylene), O. Onitsuka, et al., Journal Applied Physics, 80, (7), 1 October 1996, ppg 4067-4071
AT	Investigations of New Self-Assembled Multilayer Thin Films Based on Alternately Absorbed Layers of Polyelectrolytes and Functional Dye Molecules, D. Yoo, et al., Material Resource, Soc. Symp. Proc. Vol. 413, 1996, Materials Research Society

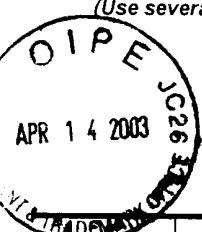
EXAMINER	DATE CONSIDERED
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\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

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CLV-31563B  
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QIU ET AL.  
FILING DATE  
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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES <input type="checkbox"/> NO <input type="checkbox"/>
	AA	WO 95/00618	1/5/95	PCT			<input type="checkbox"/> <input type="checkbox"/>
	AB	WO 95/02251	1/19/95	PCT			<input type="checkbox"/> <input type="checkbox"/>
	AC	WO 95/20407	8/3/95	PCT			<input type="checkbox"/> <input type="checkbox"/>
	AD	WO 96/18498	06/25/96	PCT			<input type="checkbox"/> <input type="checkbox"/>
	AE	WO 96/31792	10/10/96	PCT			<input type="checkbox"/> <input type="checkbox"/>
	AF	WO 96/37241	4/25/96	PCT			<input type="checkbox"/> <input type="checkbox"/>
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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AA	New Electro-Active Self-Assembled Multilayer Thin Films Based on Alternately Absorbed Layers of Polyelectrolytes and Functional Dye Molecules, D. Yoo, et al., Elsevier Science, S.A., 1977, ppg 1425-1426
AB	Layer-By-Layer Modification of Surfaces Through the Use of Self-Assembled Monolayers of Polyions, D. Yoo, et al., ANTEC, 1995 ppg 2568-2570
AC	Molecular Self-Assembly of Conducting Polymers: A New Layer-by-Layer Think Film Deposition Process, J. H. Chung, et al.,
AD	Patterned Polymer Multilayer Fabrication by Controlled Adhesion of Polyelectrolytes to Plasma-Modified Fluoropolymer Surfaces, T. G. Vargo, et al, Supramolecular Science, Volume 2, Numbers 3-4, 1995, ppg 169-174
AE	Molecular-Level Processing of Conjugated Polymers 1. Layer-by-Layer Manipulation of Conjugated Polyions, M. Ferreira, et al., Macromolecules, Vol. 28, No. 21, 1995, ppg 7107-7114
AF	Molecular-Level Processing of Conjugated Polymers 2. Layer-by-Layer Manipulation of In-Situ Polymerized p-type Doped Conduction Polymers, M. Ferreira, et al., Macromolecules, Vol. 28, No. 21, 1995, ppg 7115-7120
AG	Molecular-Level Processing of Conjugated Polymers 3. Layer-by-Layer Manipulation of Polyaniline via Electrostatic Interactions, J. H. Cheung et al., Macromolecules, 1997, 30, ppg 2712-2716
AH	
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